

Fig. 1

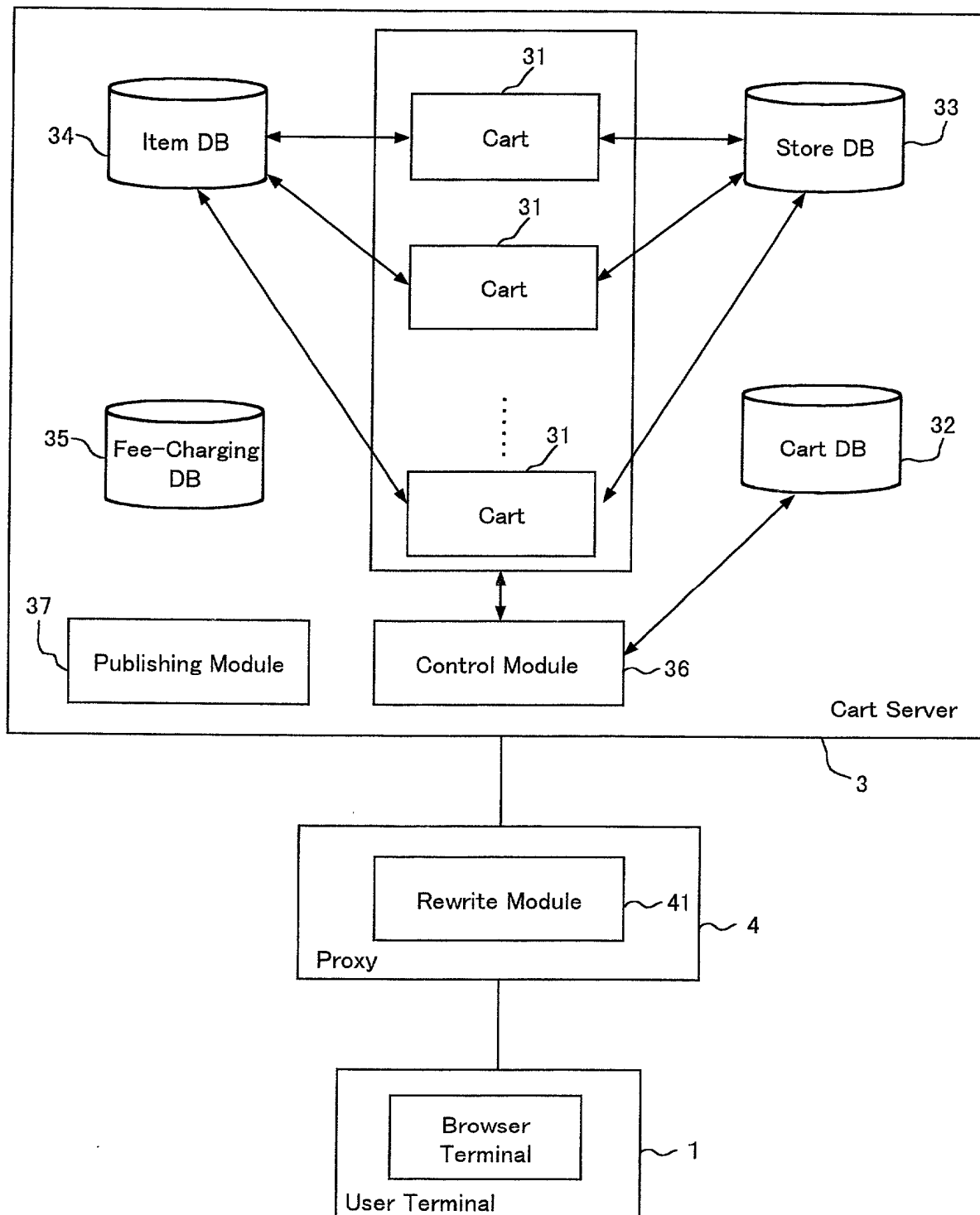


Fig. 2

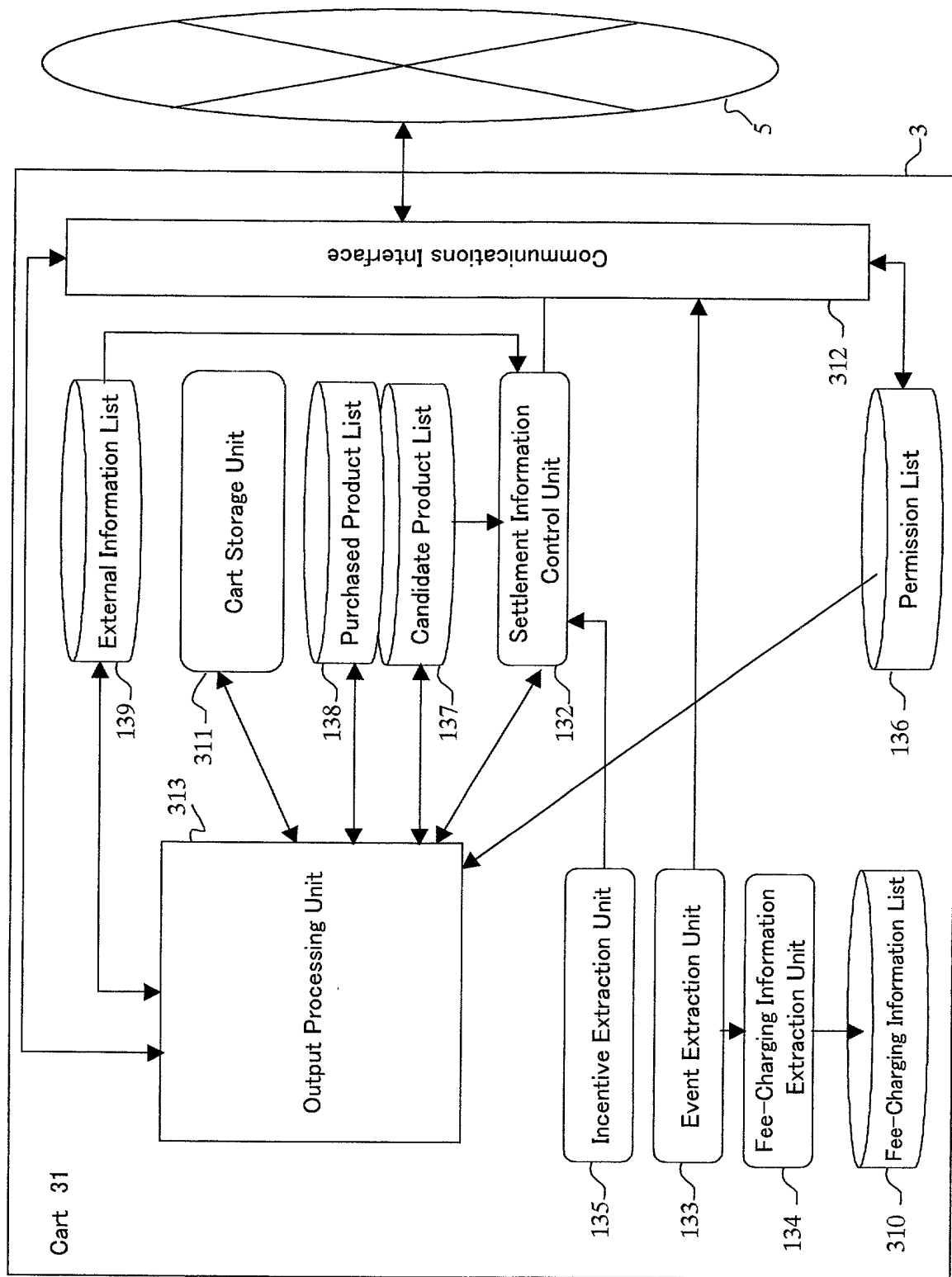


Fig. 3

Cart ID	User ID
5432	Taro@fujitsu.co.jp
5433	Jiro@fujitsu.co.jp
5434	Taro@fujitsu.co.jp

Fig. 4A

```

<store_list>
  <store sid=0123>
    <name>Akachanya</name>
    <icon href="http:// ..."/>
    <address href="http://akachan-ya.com"/>
  </store>
  <store sid=0564>
    <name>Ningyo-no Satsukido</name>
    <icon href="http:// ..."/>
    <address href="http://satsukido.com"/>
  </store>
  <store sid=0777>
    <name>Gift Honpo</name>
    <icon href="http:// ..."/>
    <address href="http://honpo.com"/>
  </store>
  <store sid=989>
    <name>Sanjusando</name>
    <icon href="http:// ..."/>
    <address href="http://33do.com"/>
  </store>
  <store sid=0019>
    <name>Kuma Honpo Co.</name>
    <icon href="http:// ..."/>
    <address href="http://kuma.com"/>
  </store>
</store_list>

```

Fig. 4B

```

<item_list>
  <item id=1211>
    <name>Baby car type A</name>
    <icon href="http://...">
  </item>
  <item id=5235>
    <name>Dolls (2)</name>
    <icon href="http://...">
  </item>
  <item id=3333>
    <name>Giant bear</name>
    <icon href="http://...">
  </item>
</item_list>

```

Fig. 5A

Store ID	Cart ID	Fee Amount	Date	Account
0123	5432	¥1200	2000/6/2	AbankXX 1
	5434	¥600	2000/6/3	BbankXX 2
0124	5561	¥5200	2000/5/30	CbankZZ
	5700	¥240	2000/6/1	AbankYY
	5810	¥2400	2000/6/1	BbankZZ
⋮				

Fig. 5B

● Settlement Information List

```
<paymentinfo>
  <credit id=1>
    <number>5250-XXXX-XXXX-XXXX</number>
    <holder>Taro Fuji</holder>
    <valid_through>"03/02"</valid_through>
    <description>MASTER</description>
  </credit>
  <credit id=2>
    <number>3584-XXXX-XXXX-XXXX</number>
    <holder>Taro Fuji</holder>
    <valid_through>"01/01"</valid_through>
    <description>JCB</description>
  </credit>
</paymentinfo>
```

Fig. 6

●Permission List

```
<permission_list>
  <permission>
    <store sid=0123>Akachanya</store>
    <address href="http://akacyan-ya.com/cart/taro/5432"/>
  </permission>
  <permission>
    <store sid=0564>Ningyo-no Satsukido</store>
    <address href="http://satsukido.com/cart/taro/5432"/>
  </permission>
  <permission>
    <store sid=0777>Gift Honpo</store>
    <address href="http://honpo.com/cart/taro/5432"/>
  </permission>
</permission_list>
```

Fig. 7

● Example of Candidate Product List

```
{{id=3333, 12,000 yen, sid=<No Designation>}}
<wish_list>
  <item id=3333>
    <price>12000</price>
    <store> </store>
    Giant bear
  </item>
</wish_list>
```

Fig. 8A

● Example of Candidate Product List

```
{{id=3333, 10,000 yen, sid=<0019 >}}
<wish_list>
  <item id=3333>
    <price >10000</price>
    <store sid=0019>Kuma Honpo Co. </store>
    Giant bear
  </item>
</wish_list>
```

Fig. 8B

● A Conceptual Figure of the
Purchased Product List

```
<wish_list>
  <item id=1211>
    <price>23000</price>
    <store sid=0564>Ningyo-no Satsukido</store>
    Baby car type A
  </item>
  <item id=3333>
    <price >10000</price>
    <store sid=0019 > Kuma Honto Co.</store>
    Giant bear
  </item>
</wish_list>
```

● Candidate Product List Example

```
<settle_list>
  <item id=5235>
    <price>18000</price>
    <store sid=0989> Sanjusando</store>
    Dolls (2)
  </item>
</settle_list>
```

Fig. 9

● External Information List Example

```

<ad_list>
  <ad aid=222123>
    <store sid=0564>Ningyo-no Satsukido</store>
    <item id=5235>Dolls (2)</item>
    <ad_body>
      <html><head></head>
      <body>
        20% off sale now going on at Ningyo-no Satsukido
      </body></html>
    </ad_body>
  </ad>
</ad_list>

```

Fig. 10

- Fee-Charging List Example
- {X Travel Company, 1,200 yen, <fee payer information>, 300 yen, <fee payer information>}
- Y Travel,

Fig. 11A

- Fee-Charging List Example
- {Akachanya, 1,200 yen, <fee payer information (ex. banker account etc.)>, 300 yen, <fee payer information (ex. banker account etc.)>, 300 yen, <fee payer information (ex. banker account etc.)>}
- Doll house, 240 yen, <fee payer information (ex. banker account etc.)>}

Fig. 11B

```

<cart id=5432>
  <name>Congratulations on birth of grandchild</name>
  <category>Gifts</category>
  <wish_list>
    <item id=1211>
      <price>23000</price>
      <store sid=0564>Ningyo-no Satsukido</store>
      Baby car type A
    </item>
    <item id=3333>
      <price>10000</price>
      <store sid=0019>Kuma Honpo Co.</store>
      Giant bear
    </item>
  </wish_list>
  <settle_list>
    <item id=5235>
      <price>18000</price>
      <store sid=0989>Sanjusando </store>
      Dolls (2)
    </item>
  </settle_list>
  <ad_list>
    <ad aid=222123>
      <store sid=0564>Ningyo-no Satsukido</store>
      <item id=5235>Dolls (2)</item>
      <ad body>
        <html><head></head>
        <body>
          20% off sale now going on at Ningyo-no Satsukido
        </body></html>
      </ad body>
    </ad>
    <ad aid=222158>
      <store sid=0019>Kuma Honpo Co. </store>
      <item id=3333>Giant bear</item>
      <ad body>
        <html><head></head>
        <body>
          Purchaser X: Very cute; my three-year-old daughter always sleeps with it
        </body></html>
      </ad body>
    </ad>
    <ad aid=222157>
      <store sid=0989>Sanjusando </store>
      <item id=5235>Dolls (2)</item>
      <ad body>
        <html><head></head>
        <body>
          <img src=... />Manufacturer's warranty
        </body></html>
      </ad body>
    </ad>
  </ad_list>
  <permission_list>
    <permission>
      <store sid=0123>Akachanya</store>
      <address href="http://..." />
    </permission>
    <permission>
      <store sid=0564>Ningyo-no Satsukido</store>
      <address href="http://..." />
    </permission>
    <permission>
      <store sid=0777>Gift Honpo</store>
      <address href="http://..." />
    </permission>
  </permission_list>
  <address href="http://cart.com/cart/5432" />
</cart>

```

Fig. 12

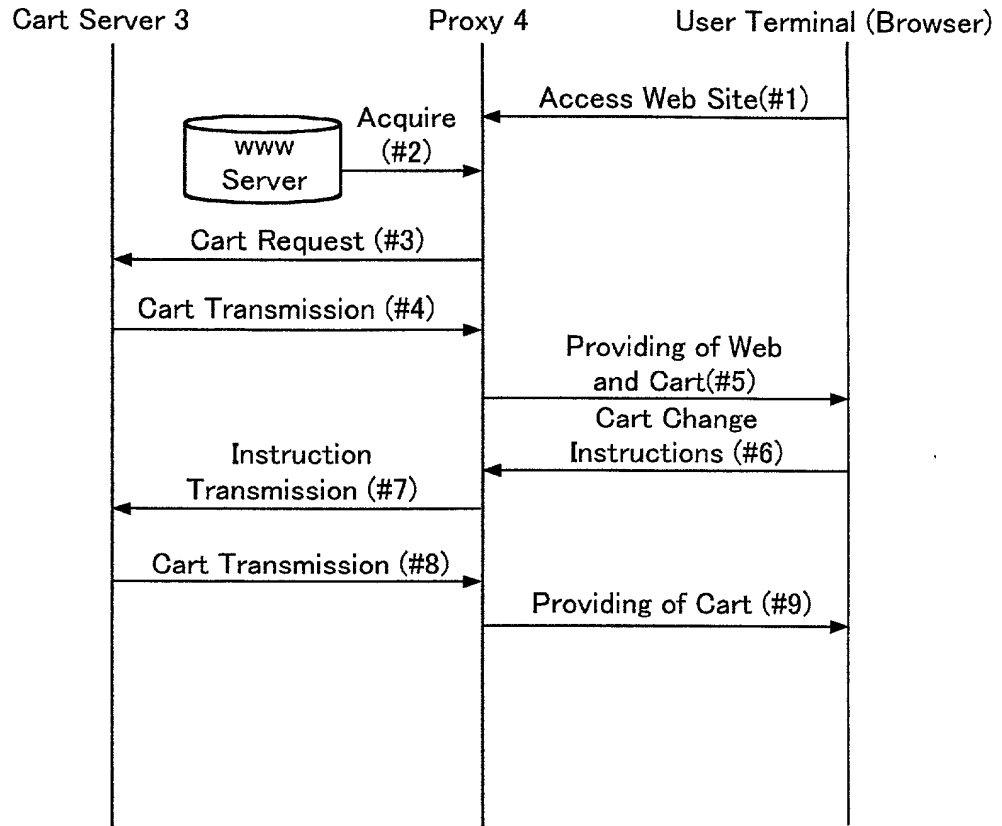


Fig. 13A

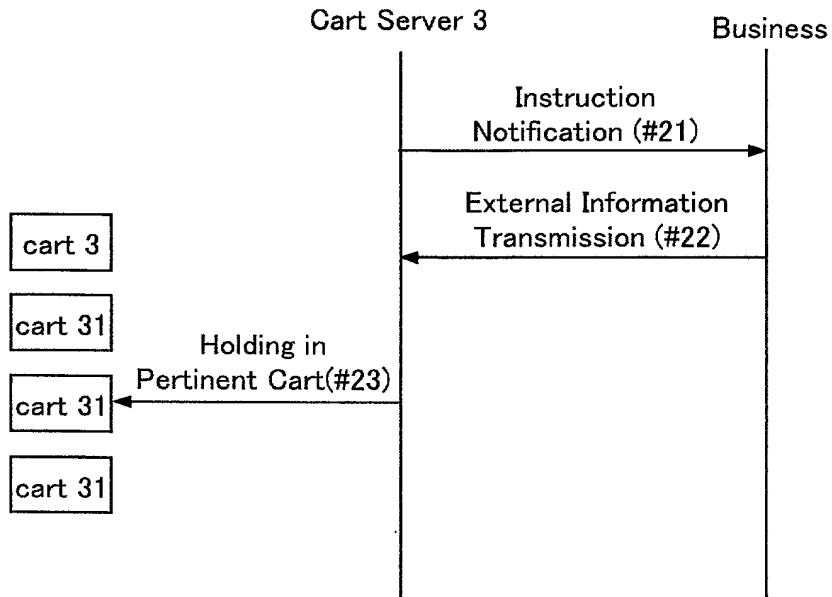


Fig. 13B

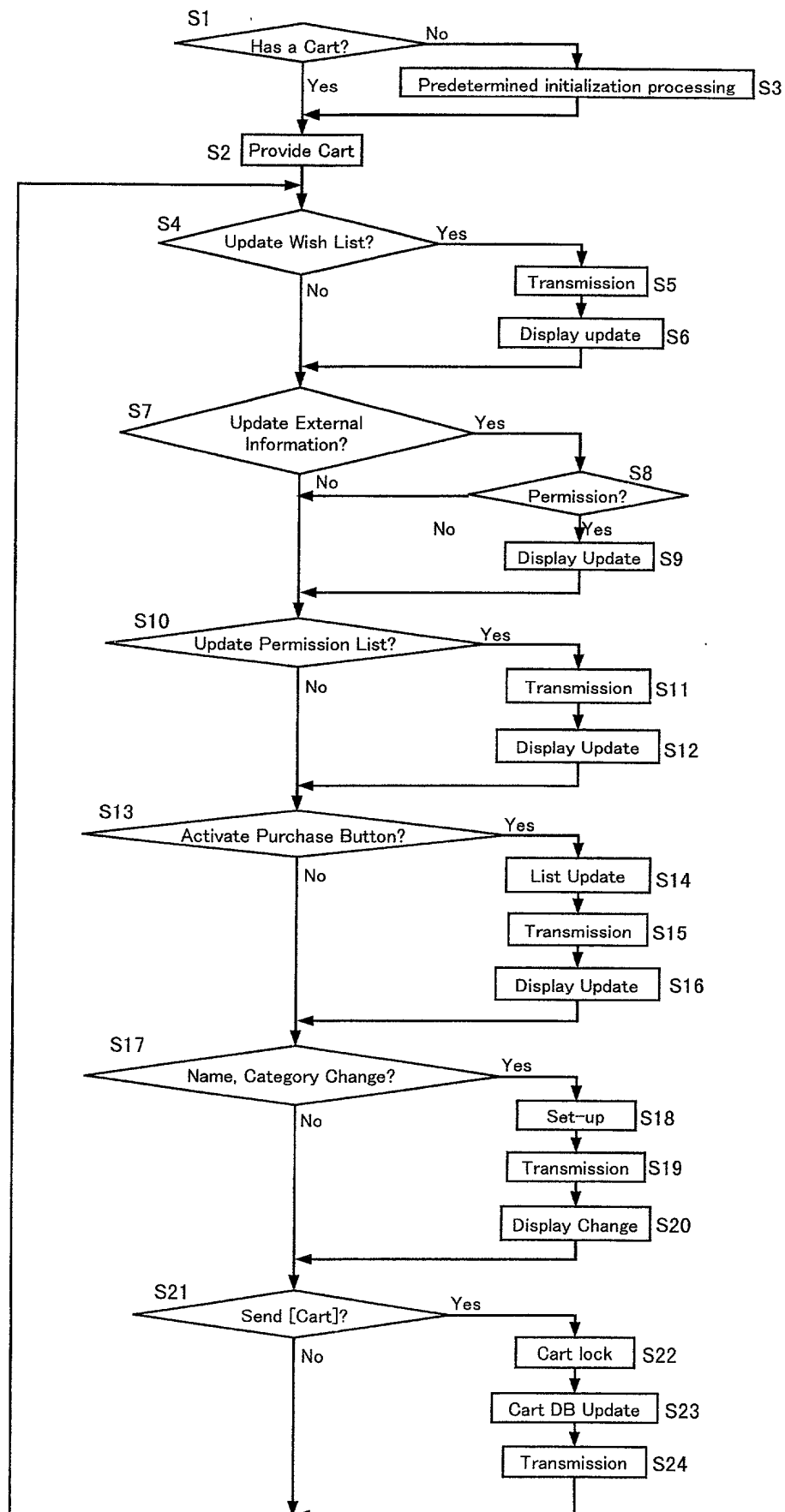


Fig. 14

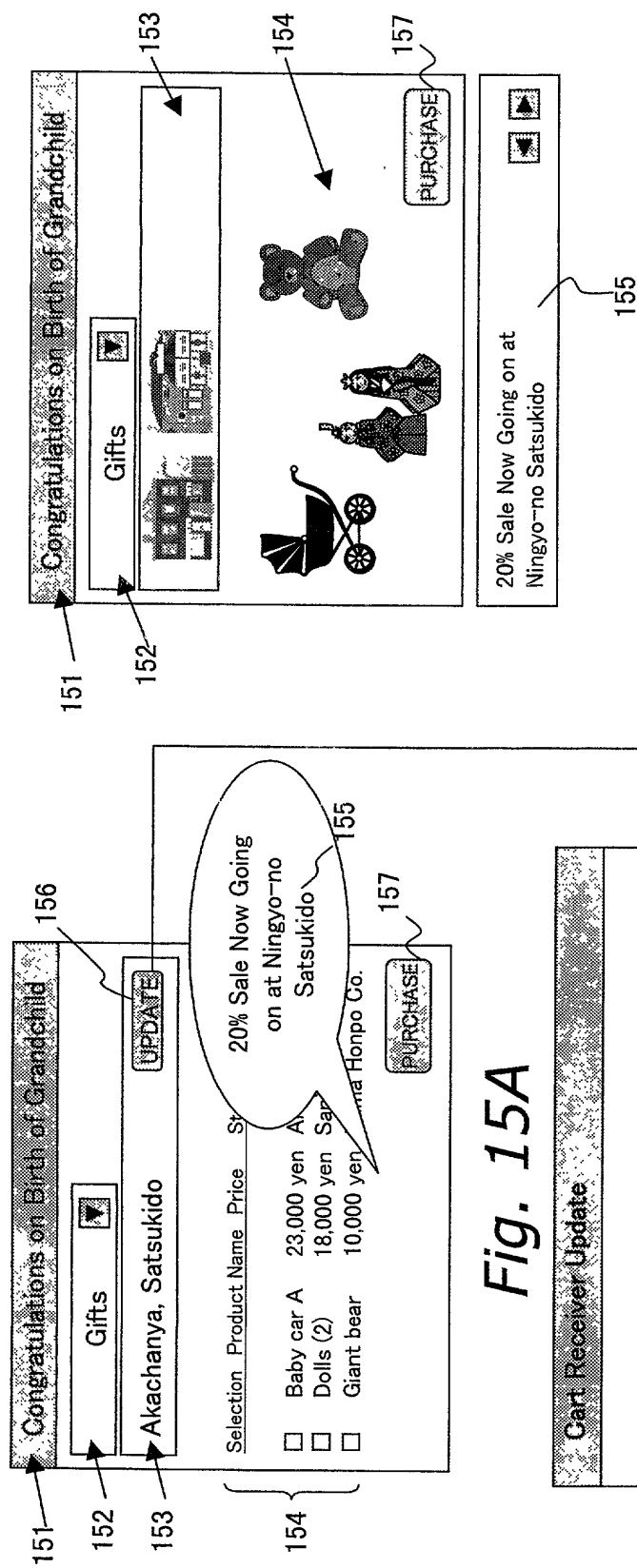


Fig. 15B

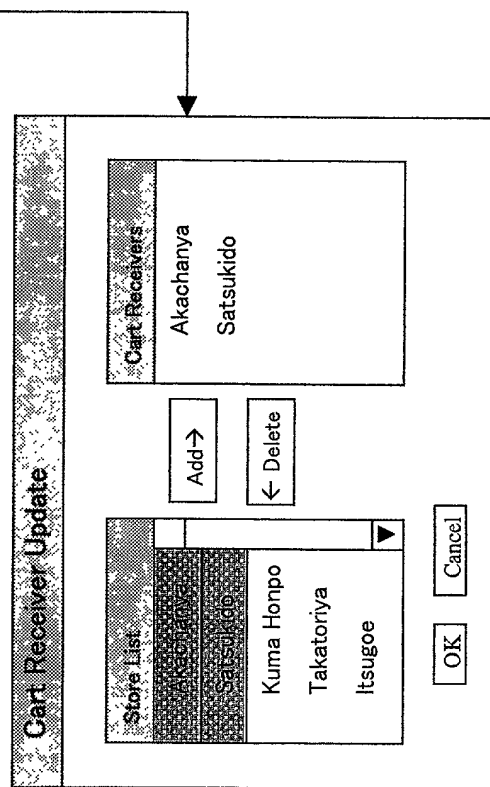


Fig. 15C

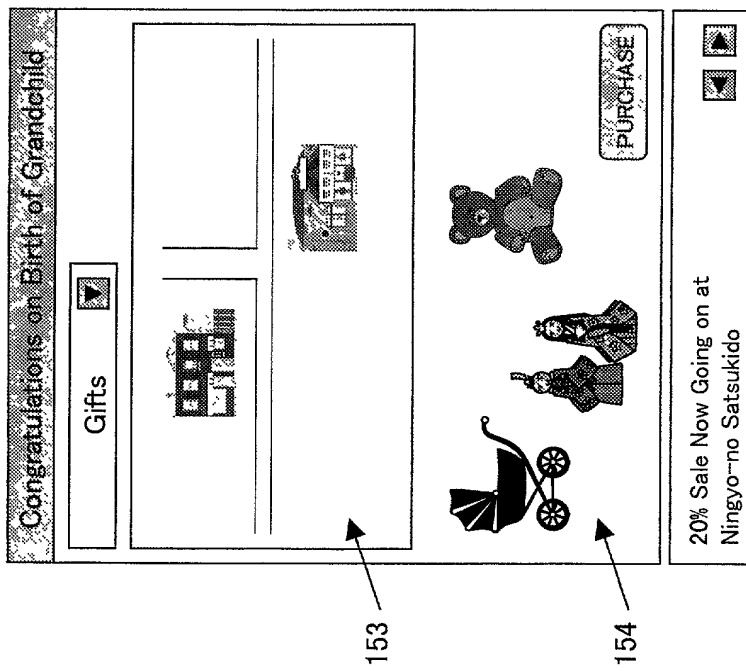


Fig. 16A

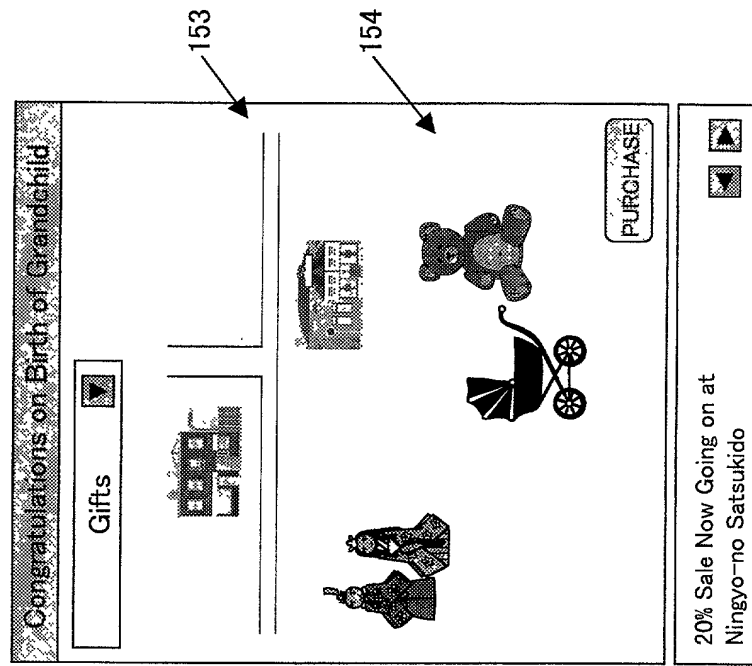


Fig. 16B

Giving a Card a New Name

Old Name	Congratulations on Birth of Grandchild
New Name	Grandchild's ...

OK CANCEL

Fig. 17A

Giving a Card a New Category

Current Category	Gifts
New Category	Events

OK CANCEL

Fig. 17B

Giving a Cart a New Name

Gifts

UPDATE

Akachanya, Satsukido

Selection	Product Name	Price
<input type="checkbox"/>	Baby car A	23,000 yen
<input type="checkbox"/>	Purchased Dolls (2)	18,000 yen
<input type="checkbox"/>	Giant bear	10,000 yen

Manufacturer's Warranty



PURCHASE

Fig. 18A

Giving a Cart a New Name

Gifts

PURCHASE



Dolls: Manufacturer's Warranty




Fig. 18B

Giving a Cart a New Name

Gifts

Akachanya, Satsukido, Gift Honpo

UPDATE

Selection	Product Name	Price
<input type="checkbox"/>	Baby car A	23,000 yen
<input type="checkbox"/>	Purchased Dolls (2)	18,000 yen
<input type="checkbox"/>	Giant bear	10,000 yen

Purchaser X: Very Cute; My Three-year-old Daughter Always Sleeps With it


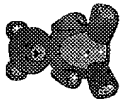

Kuma Honpo Co.

PURCHASE

Fig. 19A

Giving a Cart a New Name

Gifts



PURCHASE

Purchaser X: Very Cute; My Three-year-old Daughter Always Sleeps With it





Fig. 19B

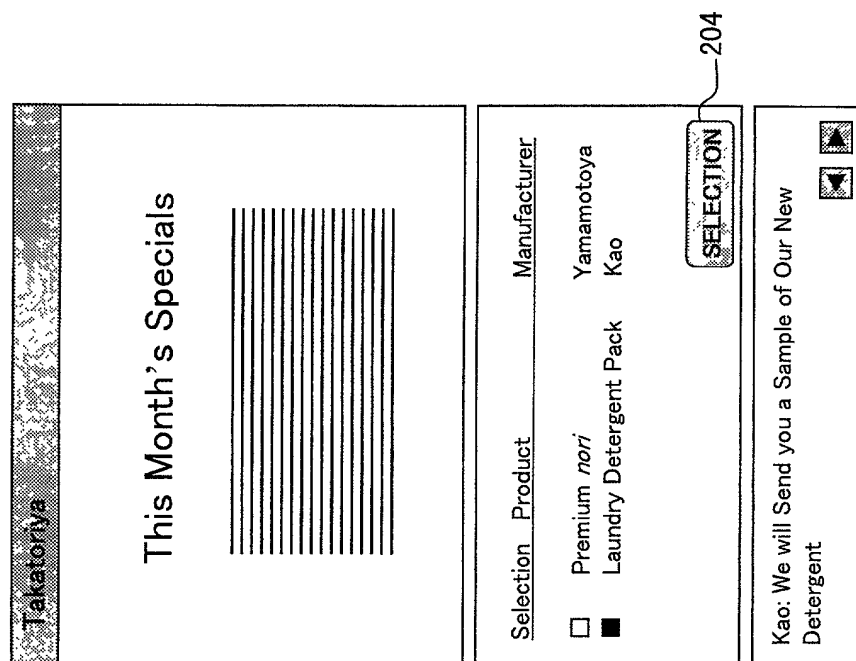
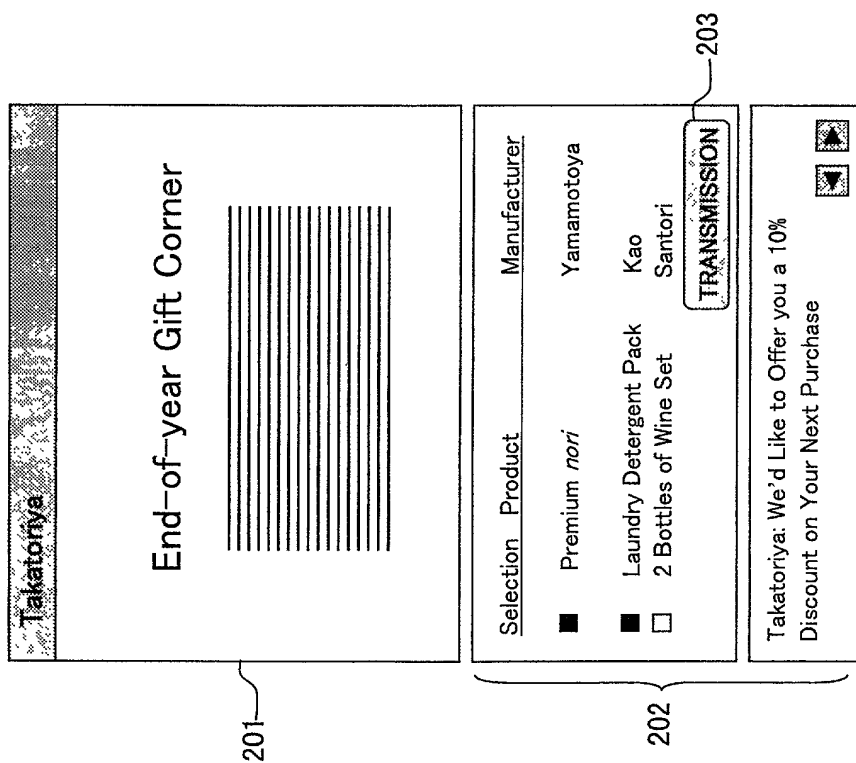


FIG. 21A is a schematic diagram of a system for providing a travel itinerary.

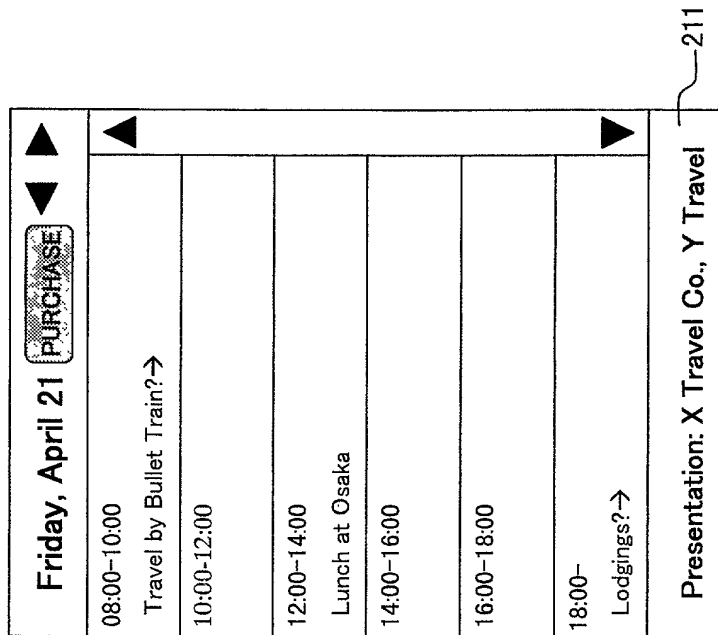


Fig. 21A

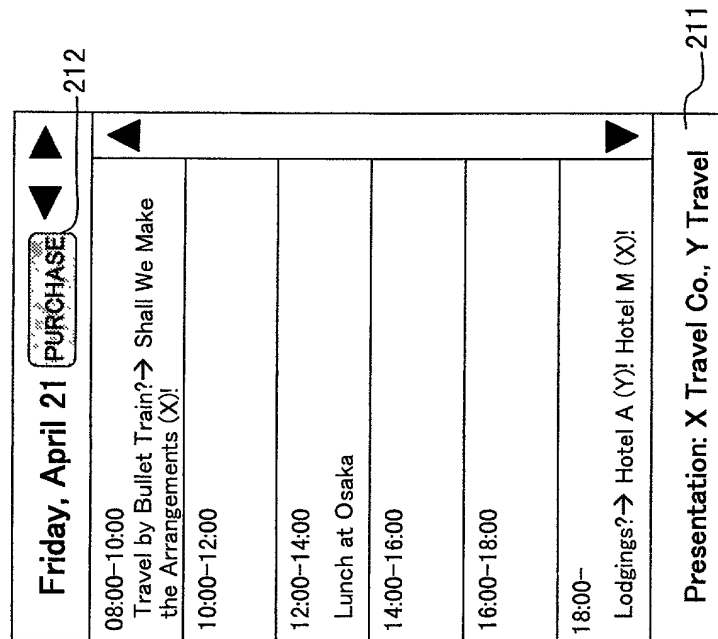


Fig. 21B

Friday, April 21 <div>PURCHASE</div>	
08:00-10:00	▲
Travel by Bullet Train: Hikari 100	
10:00-12:00	
12:00-14:00	
Lunch at Osaka	
14:00-16:00	▼
16:00-18:00	
18:00-	
Lodgings: Hotel A	
Presentation: X Travel Co., Y Travel	

Fig. 22

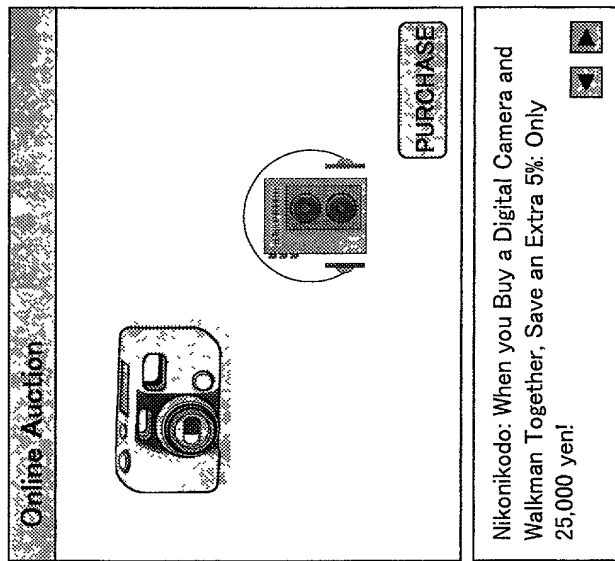


Fig. 23

Product	Total Units Sold	Lowest Price	Highest Price	Most Common Price	Store Ranking
Digital					
Camera α	467	11,100 Yen	15,700 Yen	13,900 Yen	X Denki, Y Shoten,...
Video deck K	3	32,000 Yen	33,000 Yen	32,000 Yen	Discount King Z,....

Fig. 24

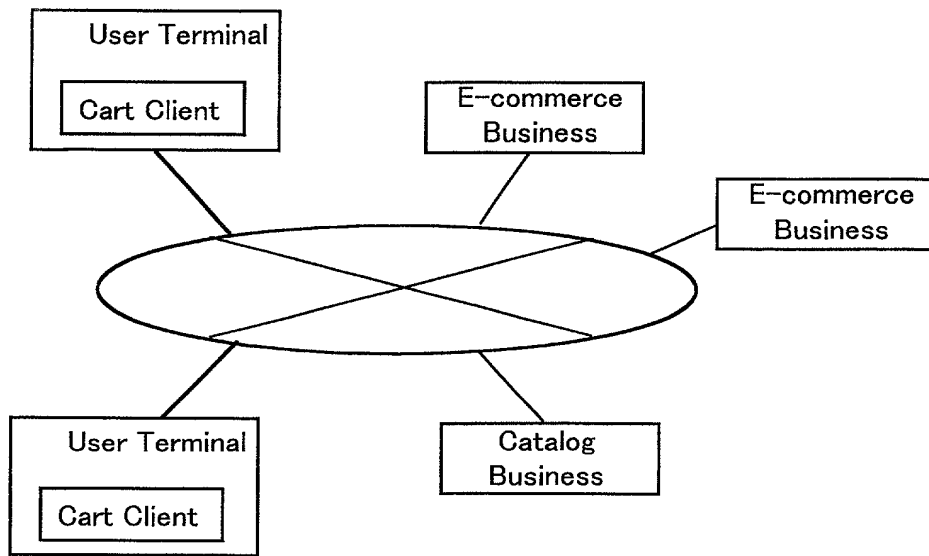


Fig. 25

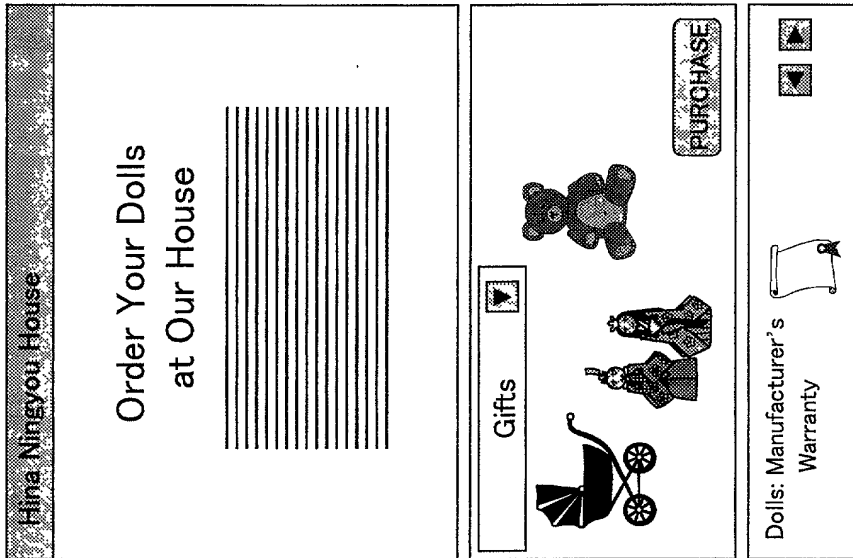


Fig. 26